

Converting Colors

CIELCh(100, 10.480, 33.886)

Have a look what the booklet for
CIELCh(100, 10.480, 33.886)
contains.

CIELCh(98, 3.295, 69.696)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(98, 3.295, 69.696)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8F3
RGB	254, 248, 243
RGB Percent	100%, 97%, 95%
CMY	0.0028, 0.0263, 0.0459
CMYK	0.00, 0.02, 0.04, 0.00
HSL	27°, 88%, 98%
HSV	27°, 4%, 100%
XYZ	90.8463, 94.9163, 98.5493
YIQ	249.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

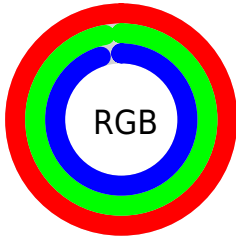
Format	Color
RYB	254, 252, 243
Decimal	16709875
CIELab	98.00, 1.14, 3.09
CIELCh	98, 3.295, 69.696
Yxy	94.9163, 0.3195, 0.3338
Android (android.graphics.Color)	4294899955 (0xFFFEF8F3)
YUV	249.2240, -3.0684, 4.1886
Hunter-Lab	97.4250, -4.0471, 8.2233

Details

The CIELCh color **98, 3.295, 69.696** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 3.265, 251.049**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 3.240, 74.697** is the 20% darker color. If you saturate the color by 10%, you get **94, 11.231, 68.681**, and if you desaturate by 10%, it is **100, 0.251, 202.025**.

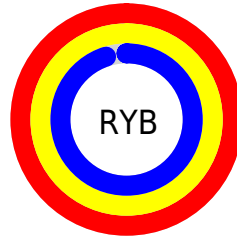
Distribution



Red (100%)

Green (97%)

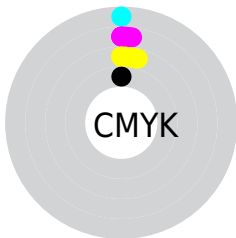
Blue (95%)



Red (100%)

Yellow (99%)

Blue (95%)

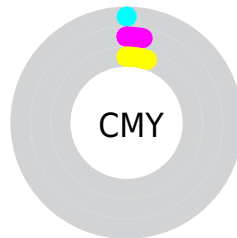


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.295, 69.696 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 98, 3.295, 69.696 by changing the saturation by 10% instead.

 98, 3.295, 69.696

 98, 3.295, 69.696

 100, 3.295, 69.696

 88, 3.295, 69.696

 78, 3.295, 69.696

 68, 3.295, 69.696

 58, 3.295, 69.696

 48, 3.295, 69.696

 38, 3.295, 69.696

 28, 3.295, 69.696

 18, 3.295, 69.696

 8, 3.295, 69.696

98, 3.295, 69.696

98, 3.295, 69.696

94, 11.231, 68.681

100, 0.251,
202.025

90, 19.610, 67.530

86, 28.462, 66.372

82, 37.797, 65.222

79, 47.572, 64.076

75, 57.644, 62.906

72, 67.667, 61.629

69, 76.919, 60.051

66, 84.173, 57.805

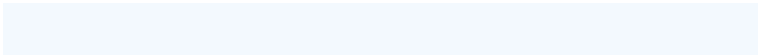
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



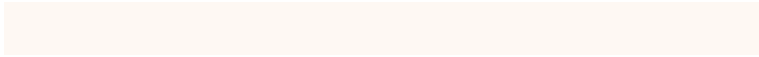
98, 3.295, 69.696



98, 3.265, 251.049

Rectangle

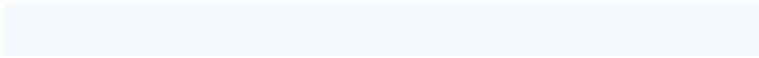
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 3.295, 69.696



98, 3.295, 119.696



98, 3.295, 249.696



98, 3.295, 299.696

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



98, 3.296, 69.743



100, 0.751, 69.629



97, 4.982, 341.300



53, 0.427, 69.601



0, 0.000, 0.000



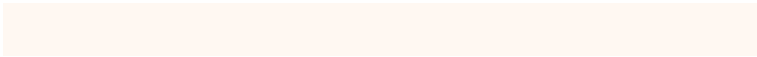
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 3.296, 69.743



98, 3.829, 69.684



99, 5.290, 107.652



52, 2.617, 69.618



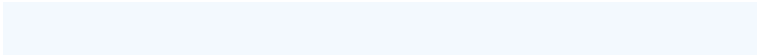
49, 70.111, 56.936



15, 27.119, 57.385

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



98, 3.265, 251.049



98, 3.782, 251.114



96, 5.356, 288.569



52, 2.579, 251.187



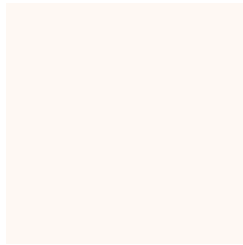
44, 53.208, 279.404



13, 21.886, 272.515

Previews

White Background



This preview shows how the CIE LCh color 98, 3.295, 69.696 looks on a white background.

Color Contrast Check

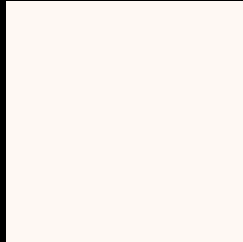
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 3.295, 69.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

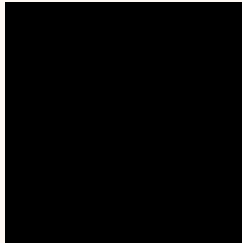
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 3.295, 69.696

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.295, 69.696.



This preview shows how white text looks on a background with the CIELCh color 98, 3.295, 69.696.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

98, 3.298, 69.695

Protanopia

98, 3.537, 65.249

Deuteranopia

98, 2.470, 19.304

Tritanopia
98, 3.859, 311.595

Trichromacy



Original Color

98, 3.298, 69.695

Protanomaly

98, 3.537, 65.249

Deuteranomaly

98, 2.666, 41.733

Tritanomaly

98, 2.348, 338.592

Monochromacy



Original Color

98, 3.298, 69.695

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.163, 44.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.295, 69.696 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 248, 243)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.295, 69.696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 248, 243) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 248, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 248, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 243);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.295, 69.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
248, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor